Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) indvidually powered and controlled cells

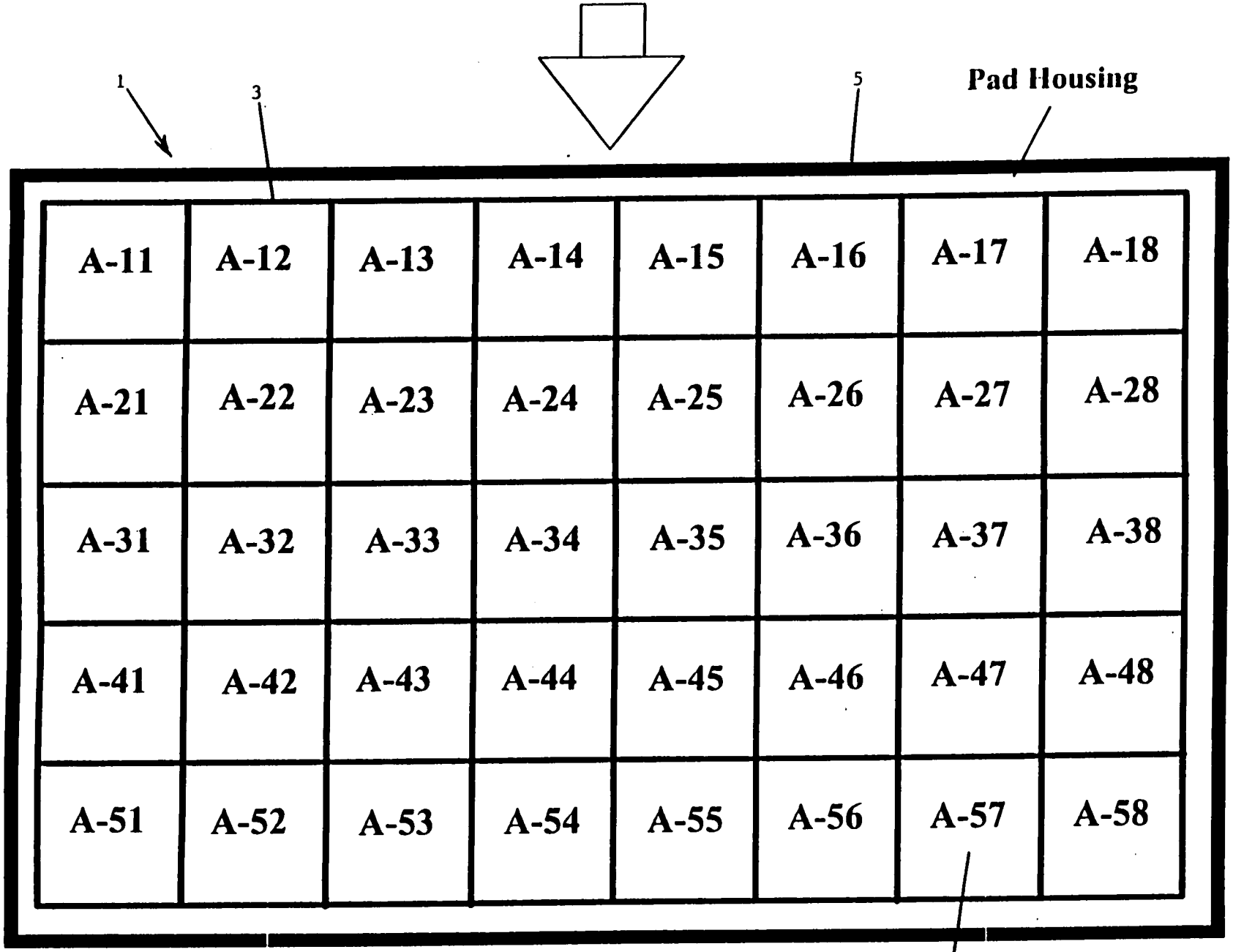
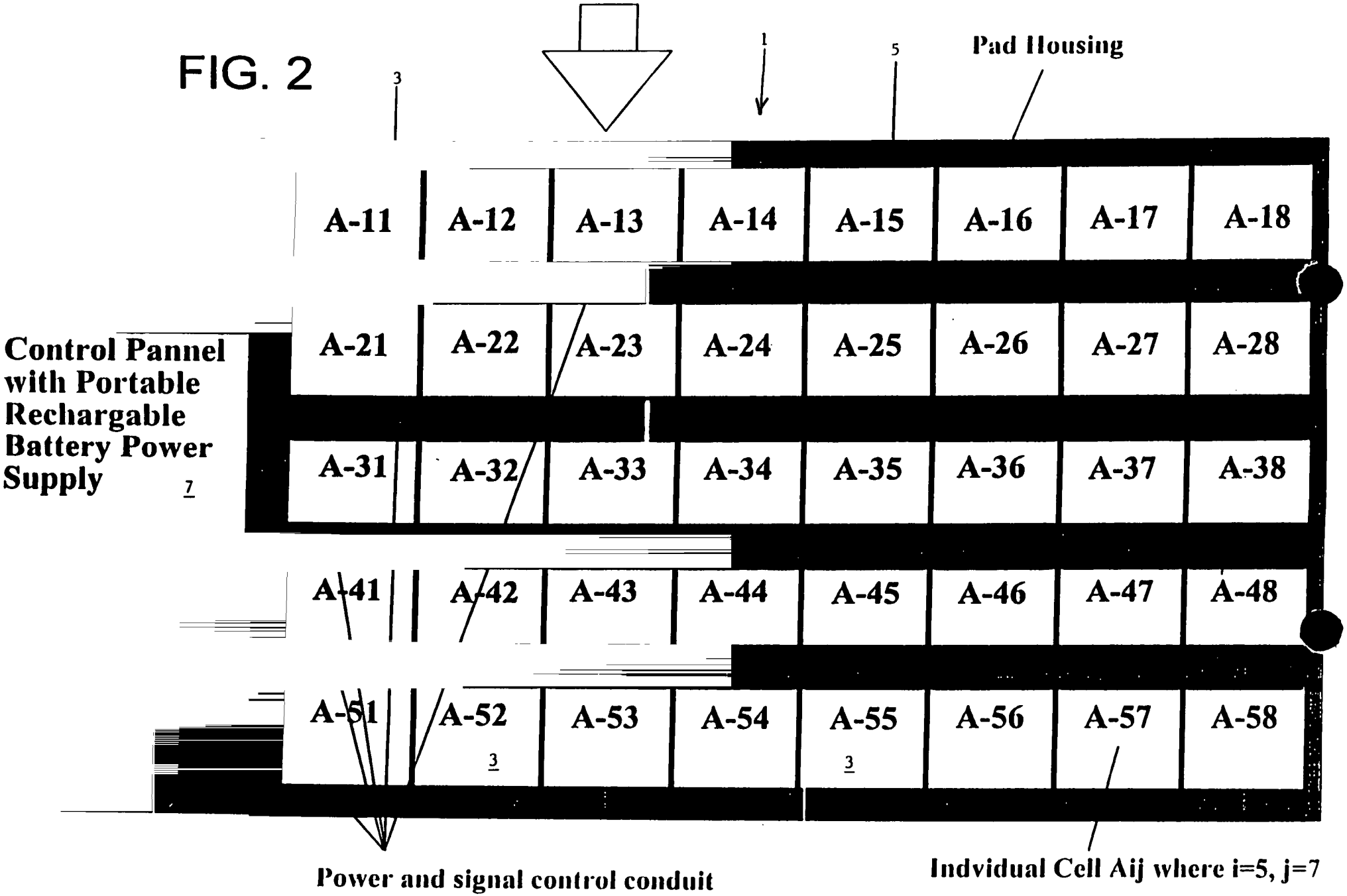


FIG. 1

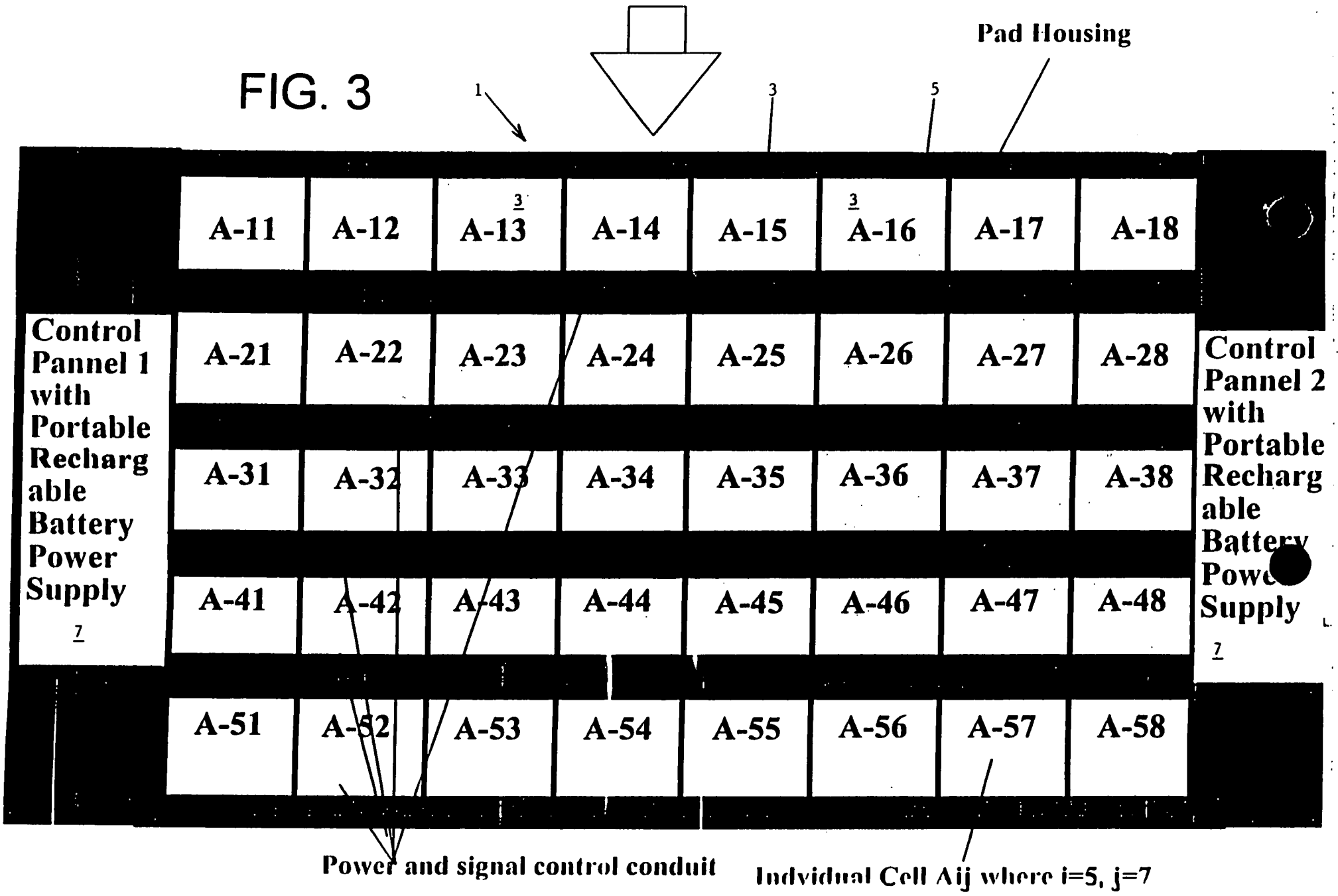
Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual,remotely powered and controlled cells

FIG. 2



Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual,remotely powered and controlled cells

FIG. 3



Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual, pad powered and controlled cells

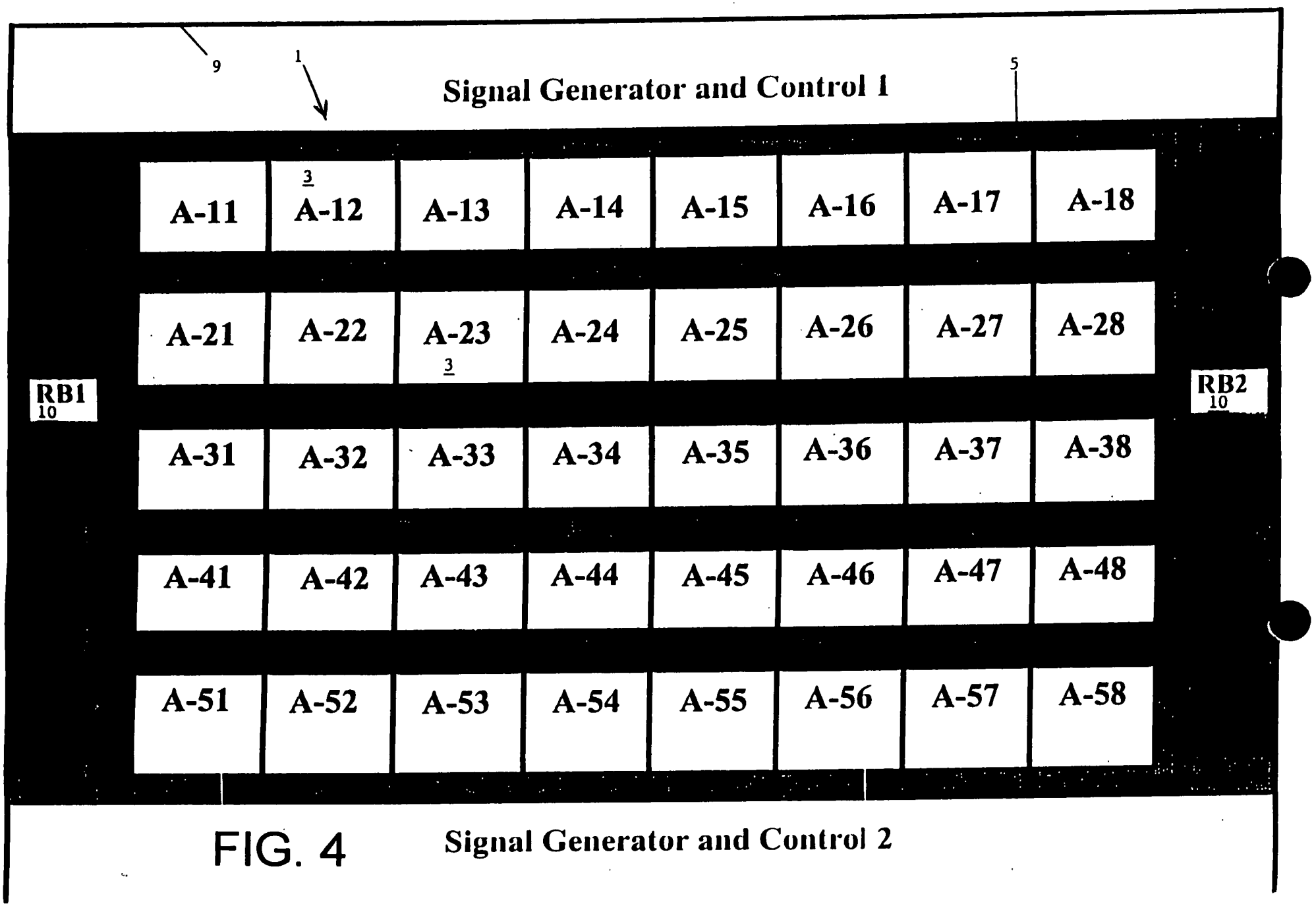


FIG. 4

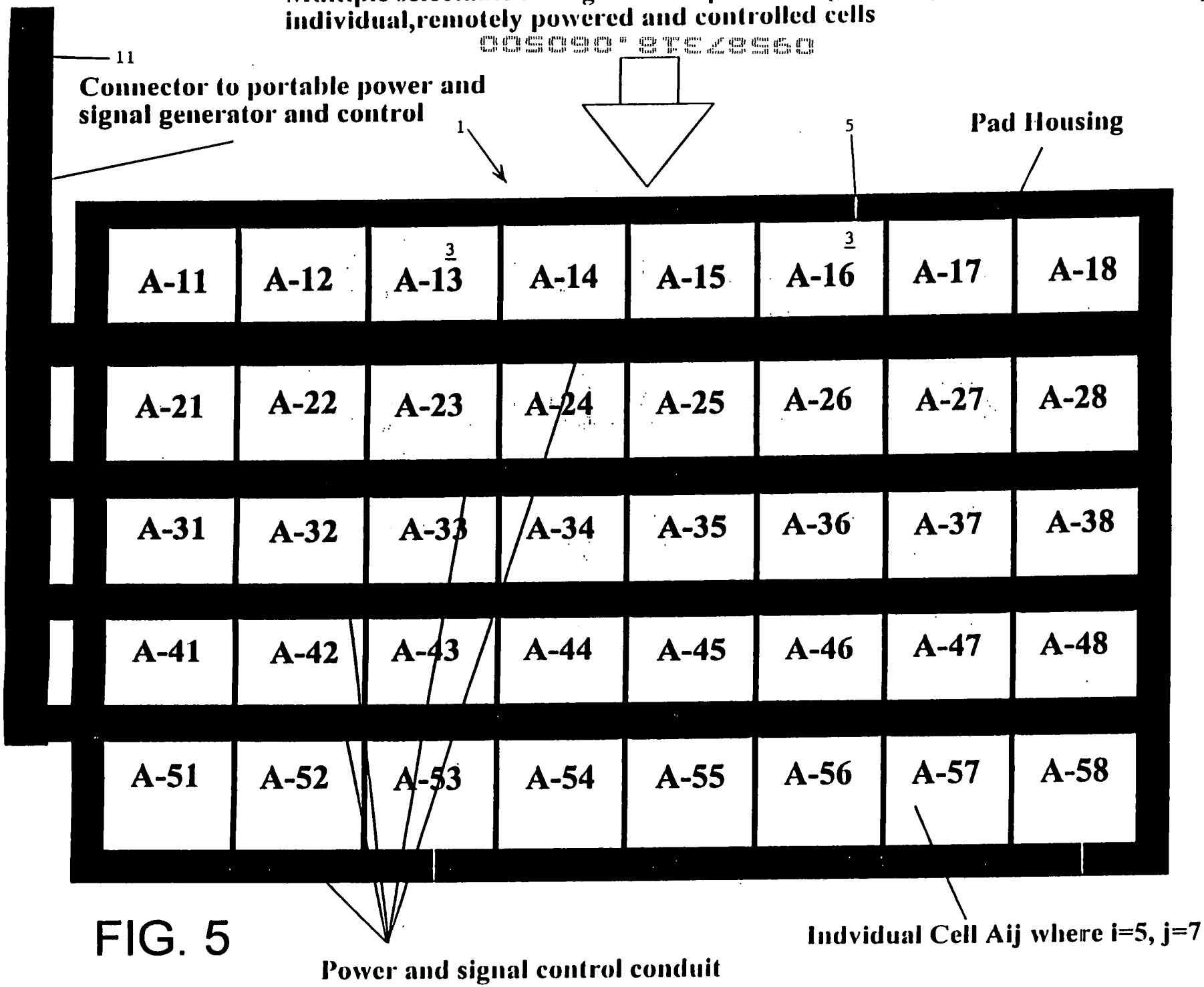

Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual,remotely powered and controlled cells
11
Connector to portable power and signal generator and control
1
5
Pad Housing
A-11
A-12
A-13
A-14
A-15
A-16
A-17
A-18
A-21
A-22
A-23
A-24
A-25
A-26
A-27
A-28
A-31
A-32
A-33
A-34
A-35
A-36
A-37
A-38
A-41
A-42
A-43
A-44
A-45
A-46
A-47
A-48
A-51
A-52
A-53
A-54
A-55
A-56
A-57
A-58
Power and signal control conduit
Individual Cell Aij where i=5, j=7

FIG. 5

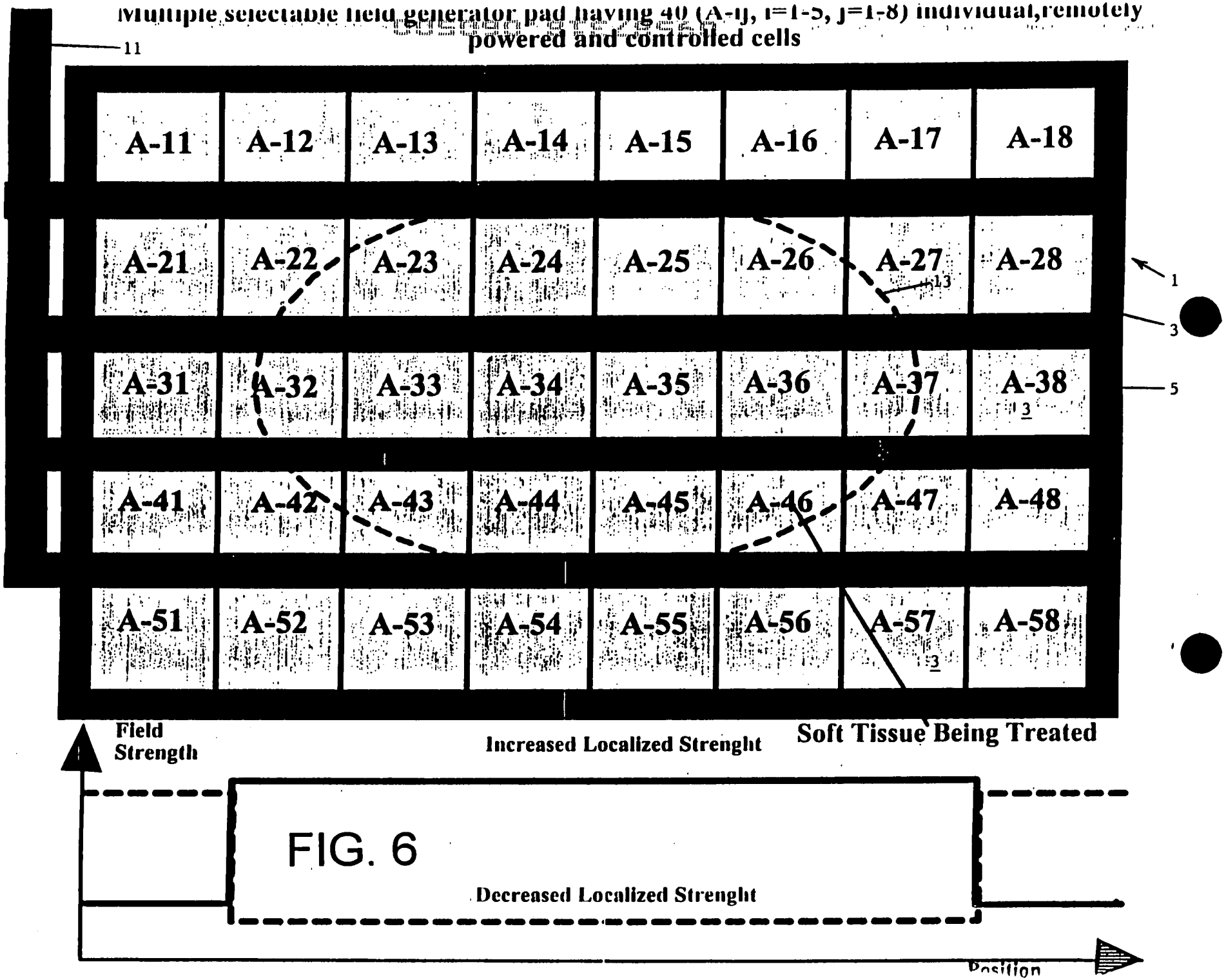

Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual,remotely powered and controlled cells
11
A-11
A-12
A-13
A-14
A-15
A-16
A-17
A-18
A-21
A-22
A-23
A-24
A-25
A-26
A-27
A-28
13
1
3
A-31
A-32
A-33
A-34
A-35
A-36
A-37
A-38
5
A-41
A-42
A-43
A-44
A-45
A-46
A-47
A-48
A-51
A-52
A-53
A-54
A-55
A-56
A-57
A-58
Field Strength
Increased Localized Strenght
Soft Tissue Being Treated
Decreased Localized Strenght
Position

FIG. 6

FIG. 7

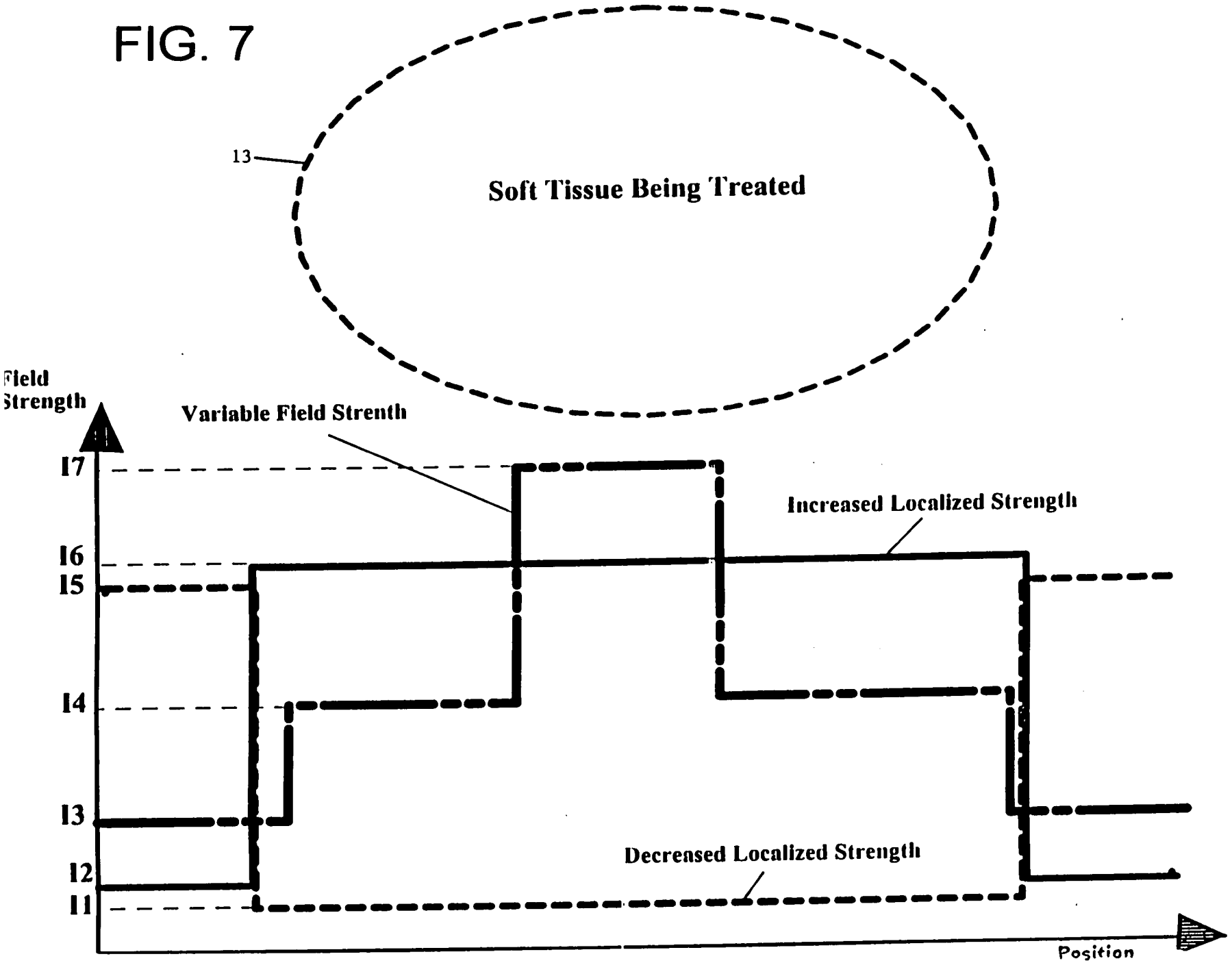

13
Soft Tissue Being Treated
Field Strength
Variable Field Strenth
17
16
15
14
13
12
11
Increased Localized Strength
Decreased Localized Strength
Position

FIG. 8

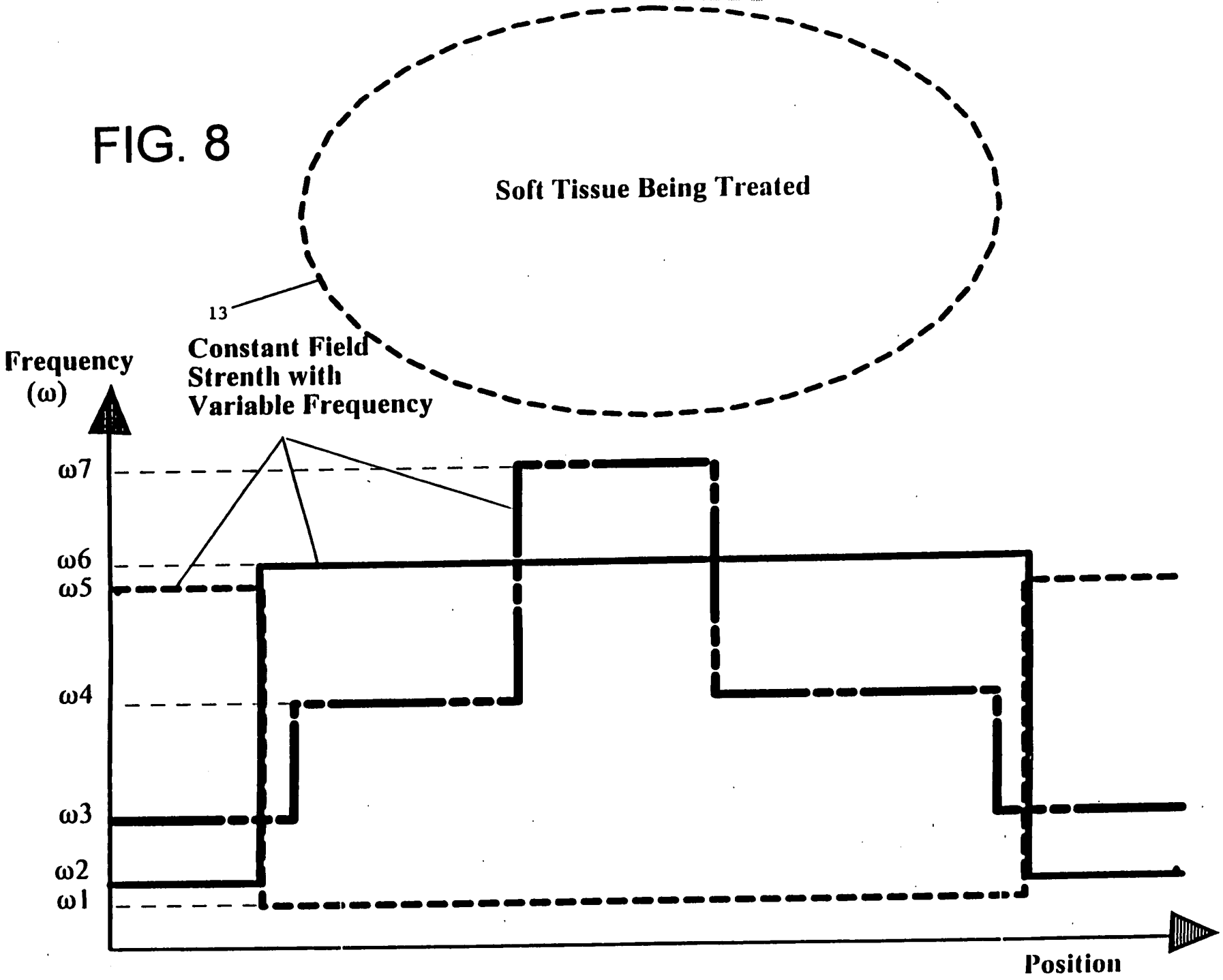
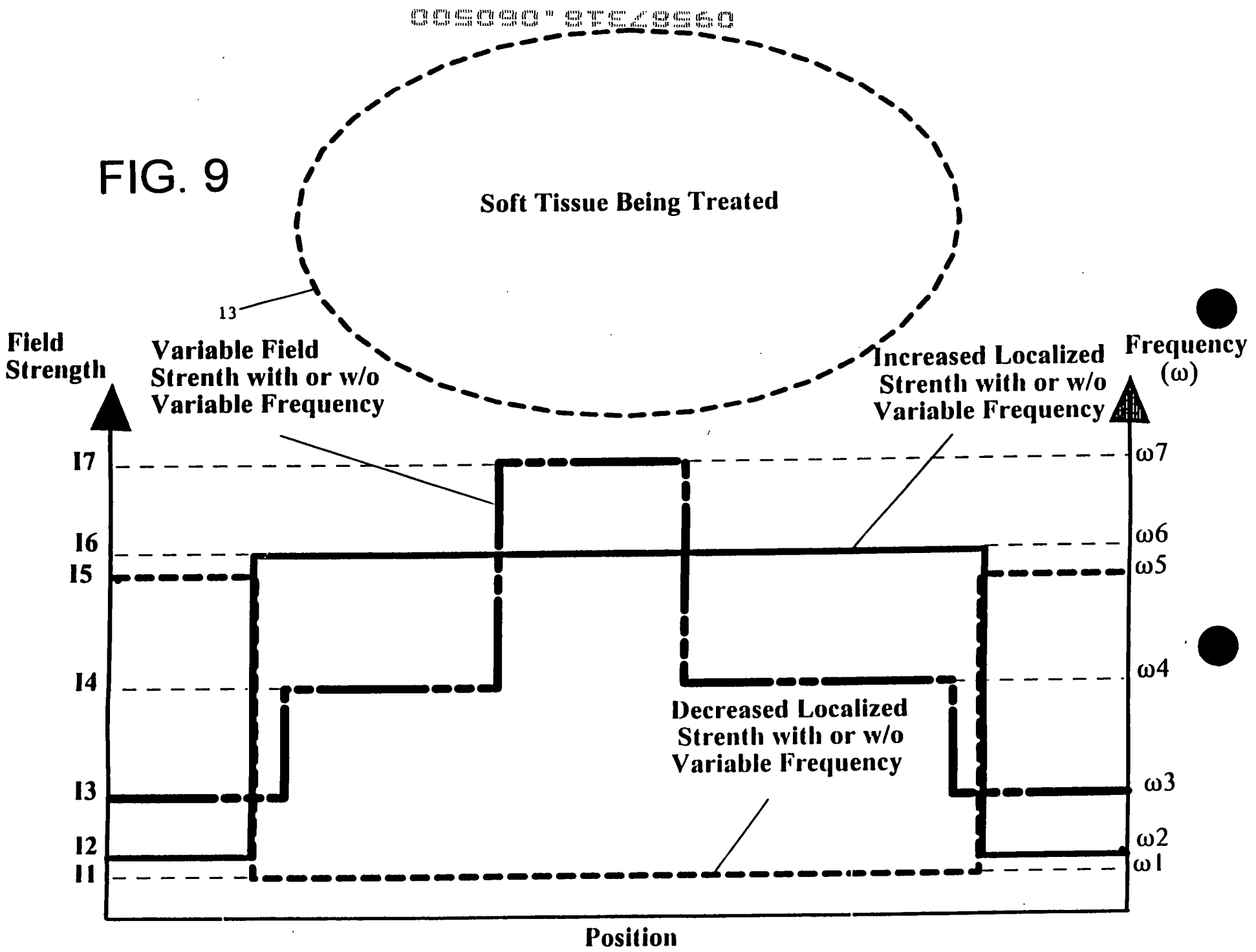

Soft Tissue Being Treated
13
Constant Field
Strenth with
Variable Frequency
Frequency
(ω)
ω7
ω6
ω5
ω4
ω3
ω2
ω1
Position

FIG. 9


Soft Tissue Being Treated
13
Field Strength
Variable Field Strenth with or w/o Variable Frequency
Increased Localized Strenth with or w/o Variable Frequency
Frequency (ω)
I7
I6
I5
I4
I3
I2
I1
ω7
ω6
ω5
ω4
ω3
ω2
ω1
Decreased Localized Strenth with or w/o Variable Frequency
Position

Self Contained EM/RF/Magnet Field Unit Cell

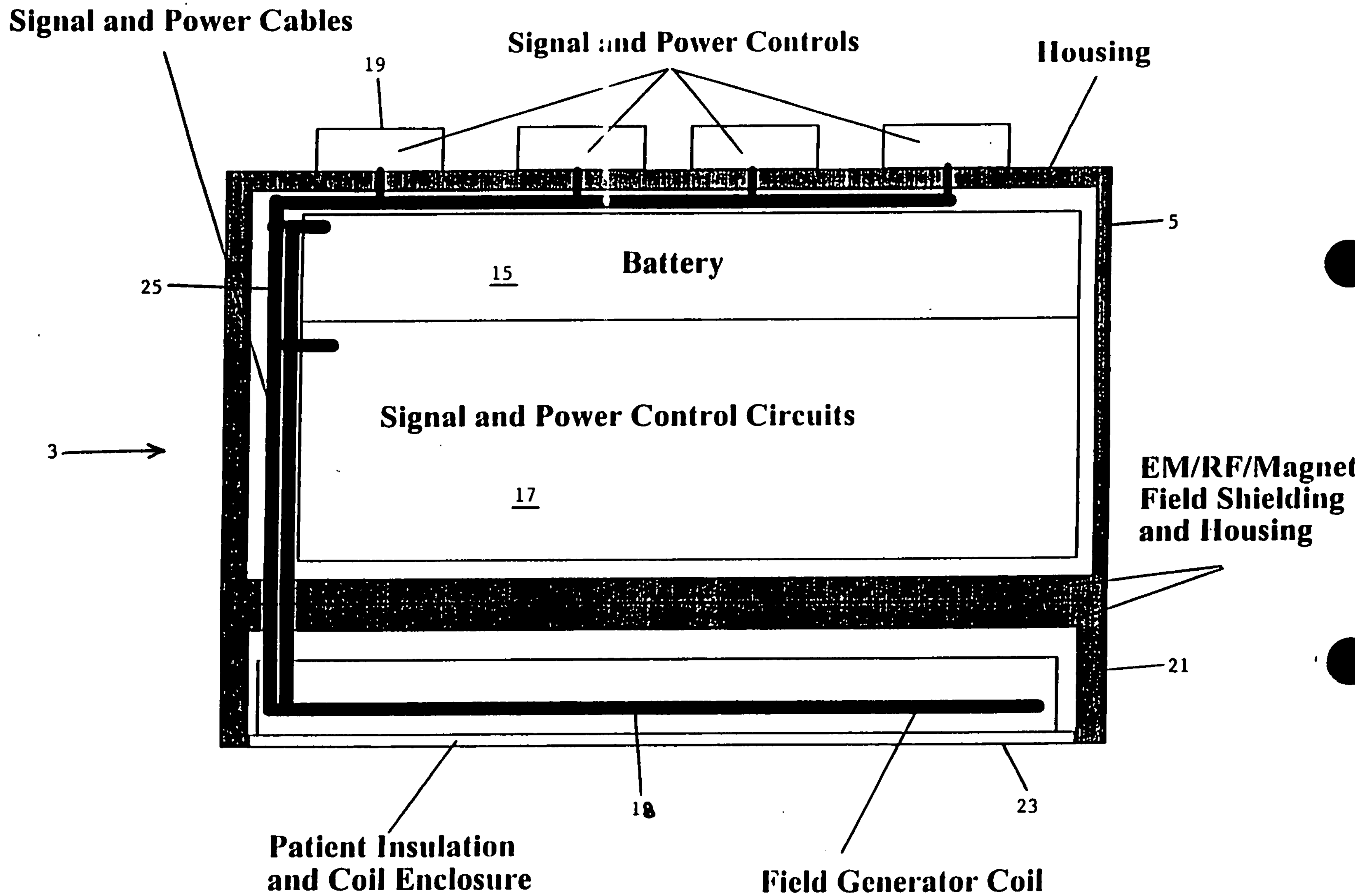


FIG. 10

Self Contained Current-Voltage Unit Cell

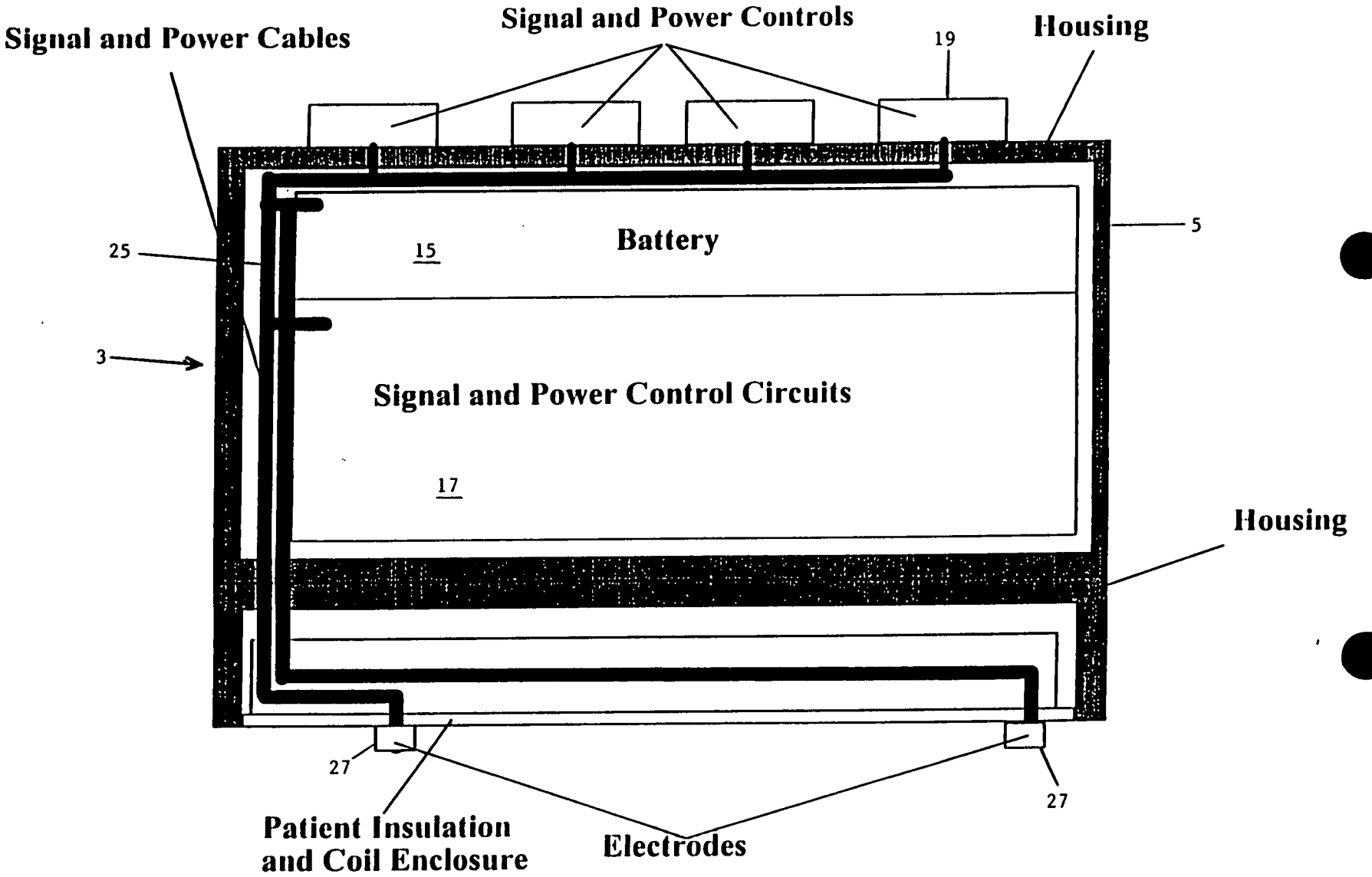


FIG. 11

Remote Controlled EM/RF/Magnet Field Unit Cell

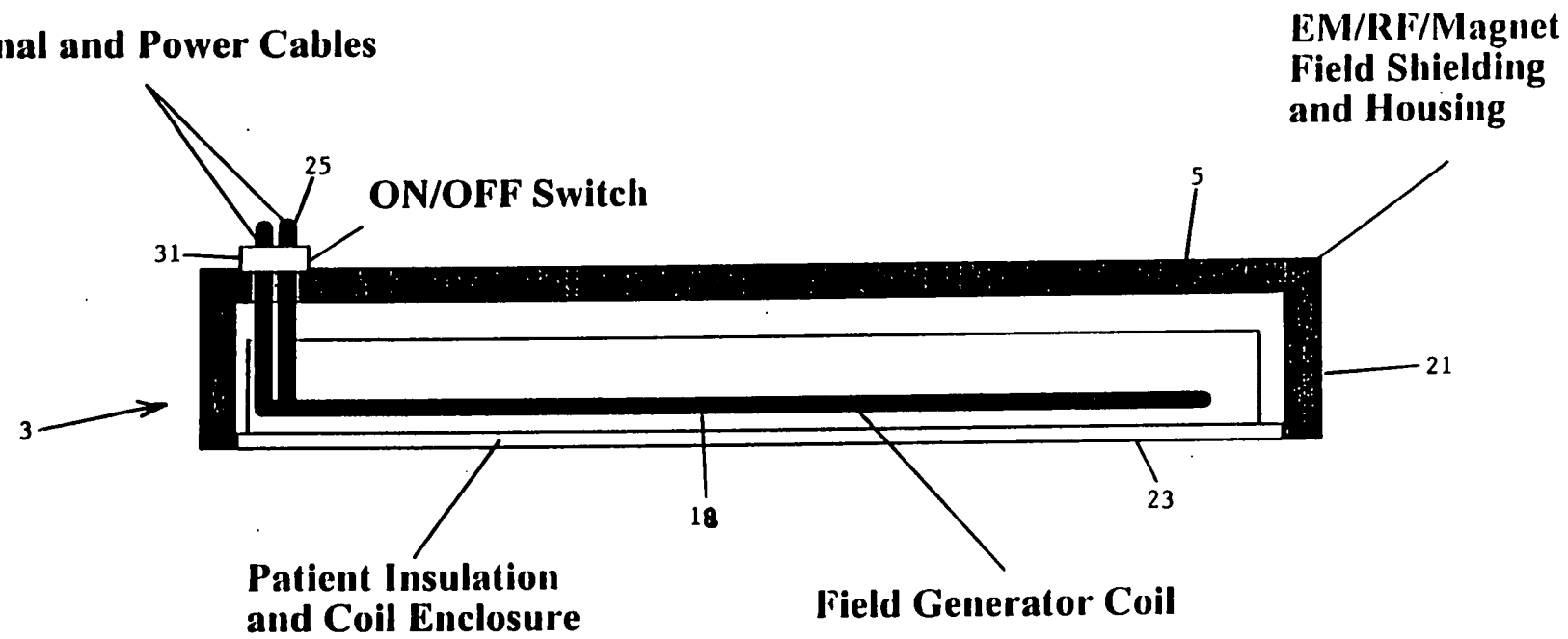


FIG. 12

Remote Controlled Current-Voltage Unit Cell

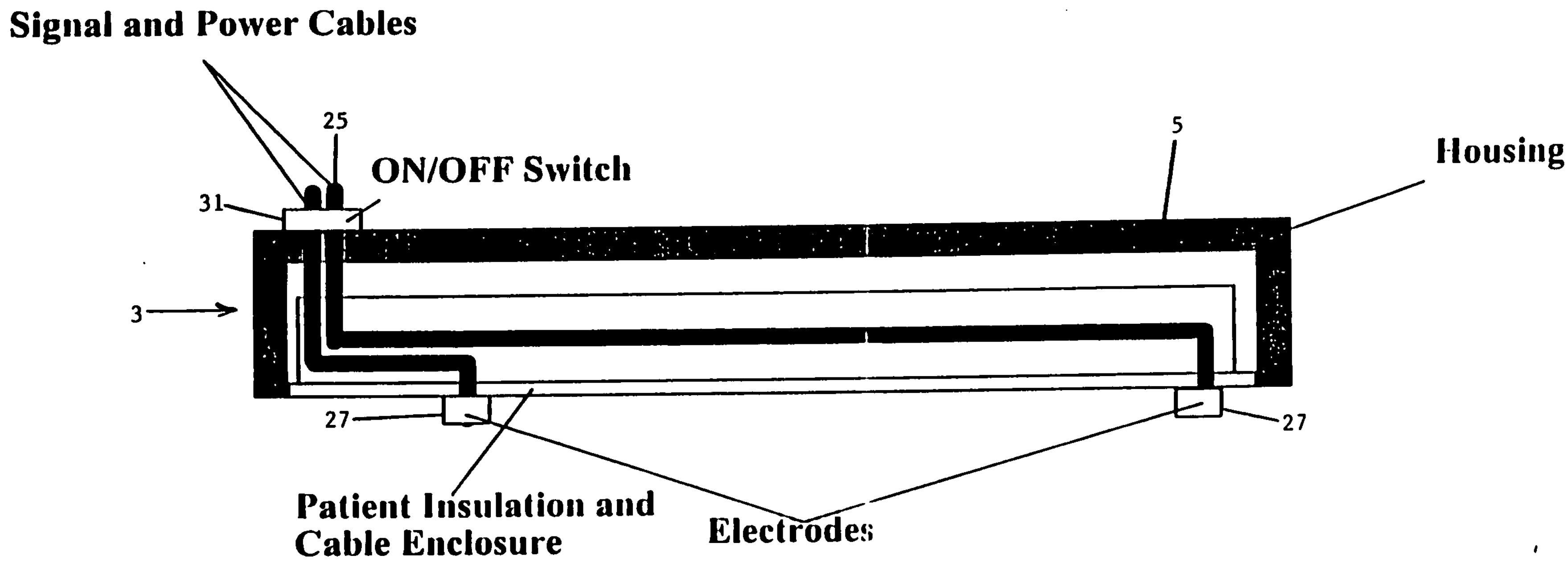


FIG. 13

Remote Controlled/Self Contained Flexible/Cylindrically Shaped Multiple Unit Cell for Bone Regrowth and Other Applications Having Any Type Activated Region Having Multiple Field/Current-Voltage Control Sensors

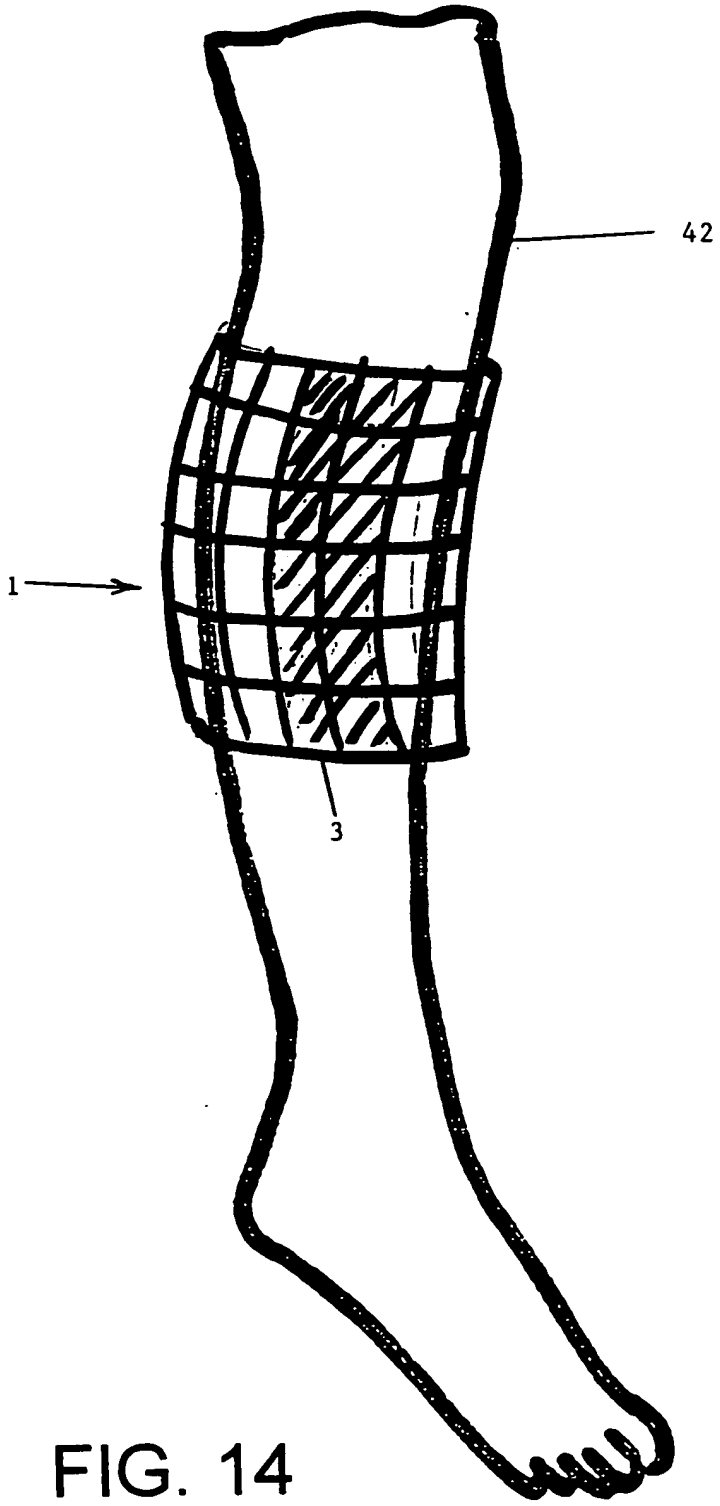


FIG. 14

Remote Controlled / Self Contained Flexible/Cylindrically Shaped
Unit Cell for Bone regrowth and Other Applications

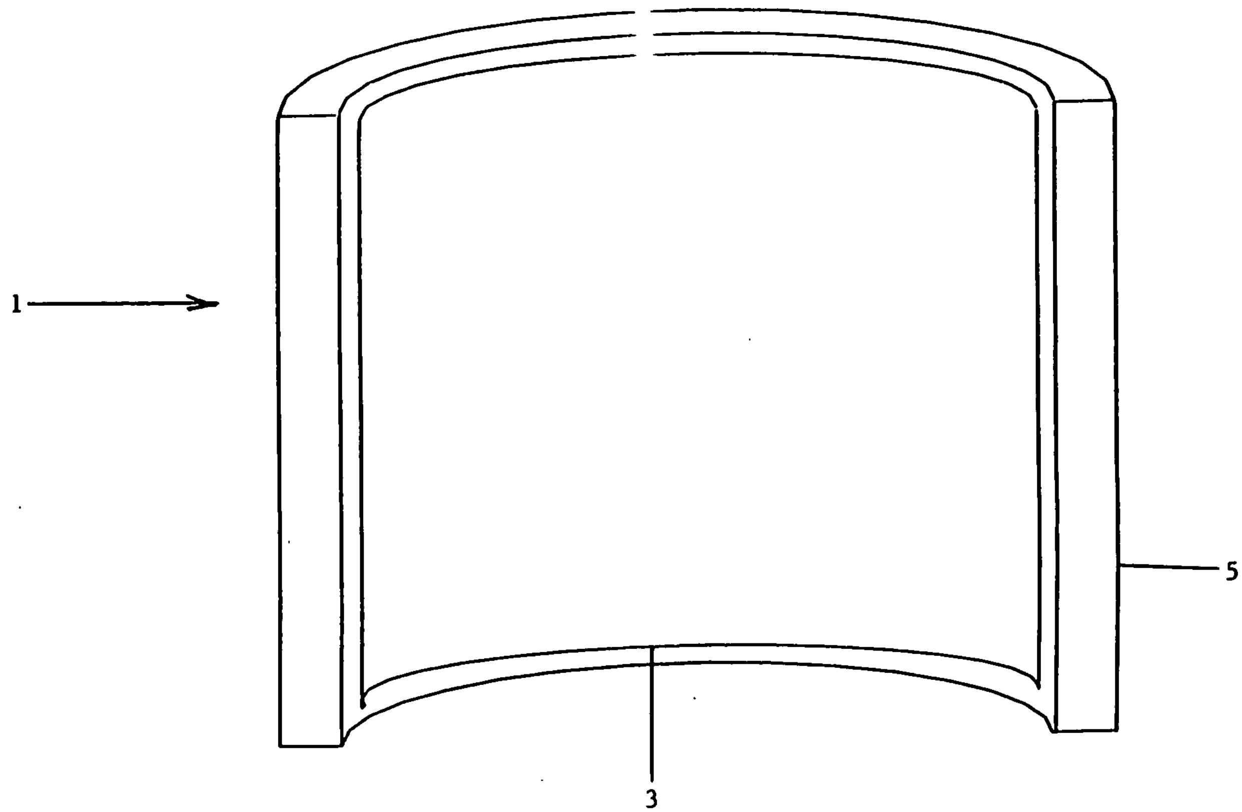
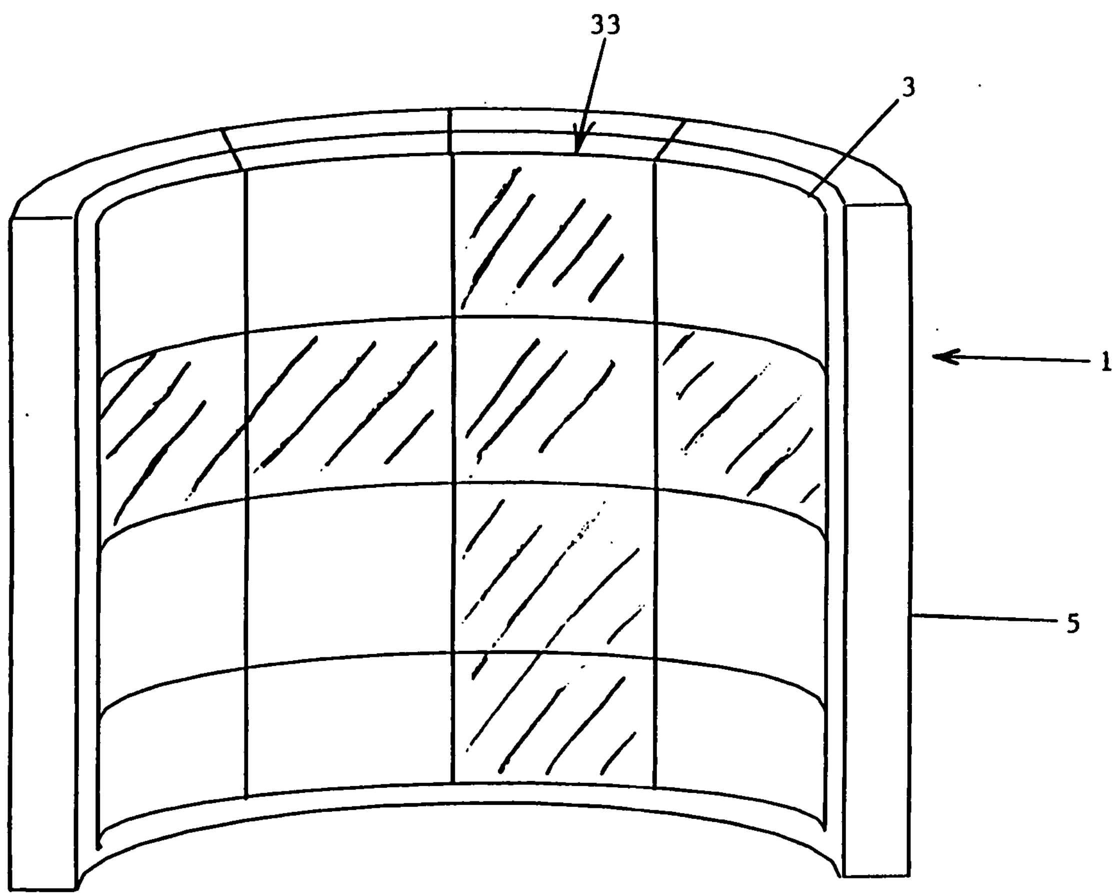


FIG. 15

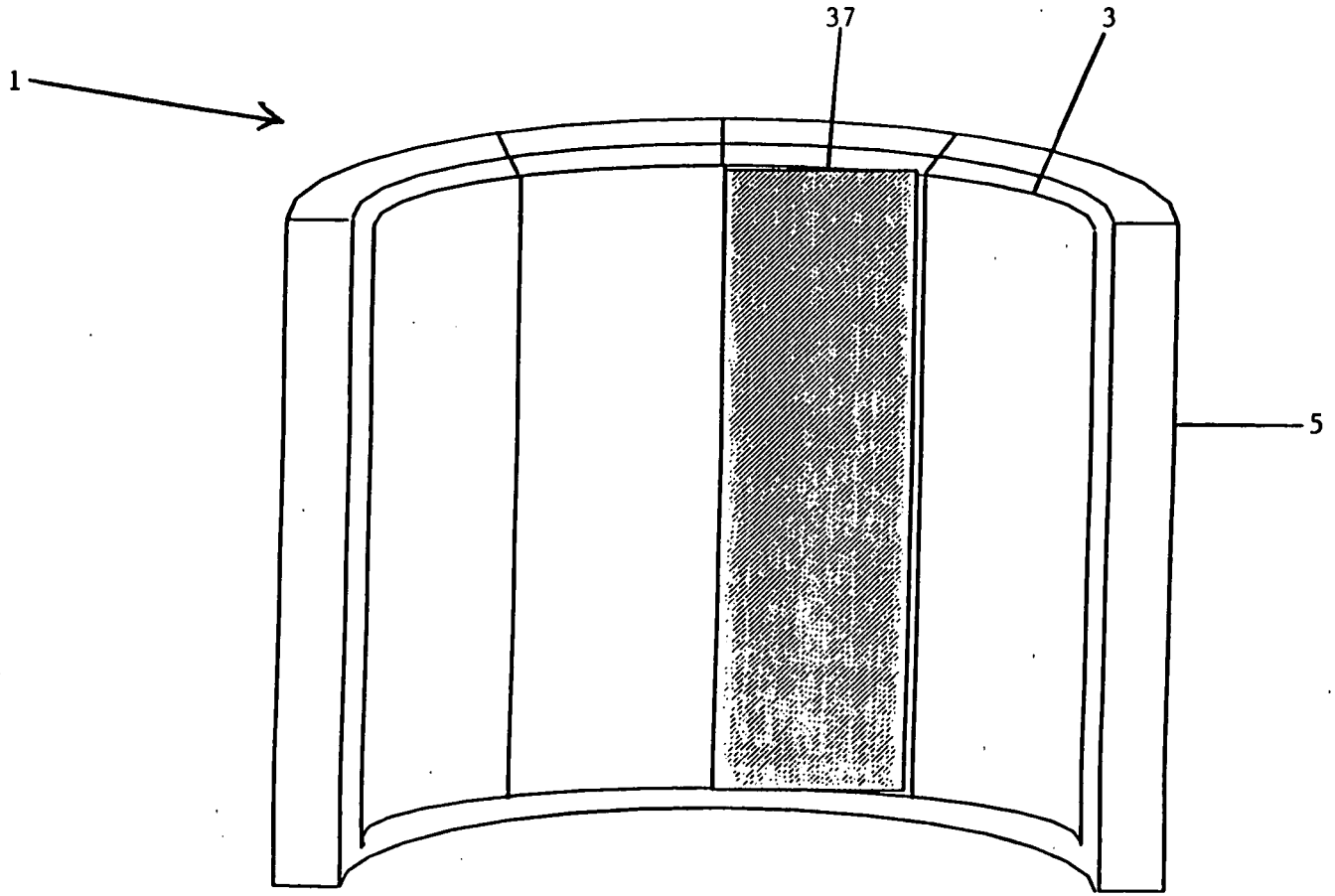
Remote Controlled/Self Contained Flexible/Cylindrically Shaped Multiple Unit Cell for Bone Regrowth and Other Applications Having Cross Type Activated Region

FIG. 16



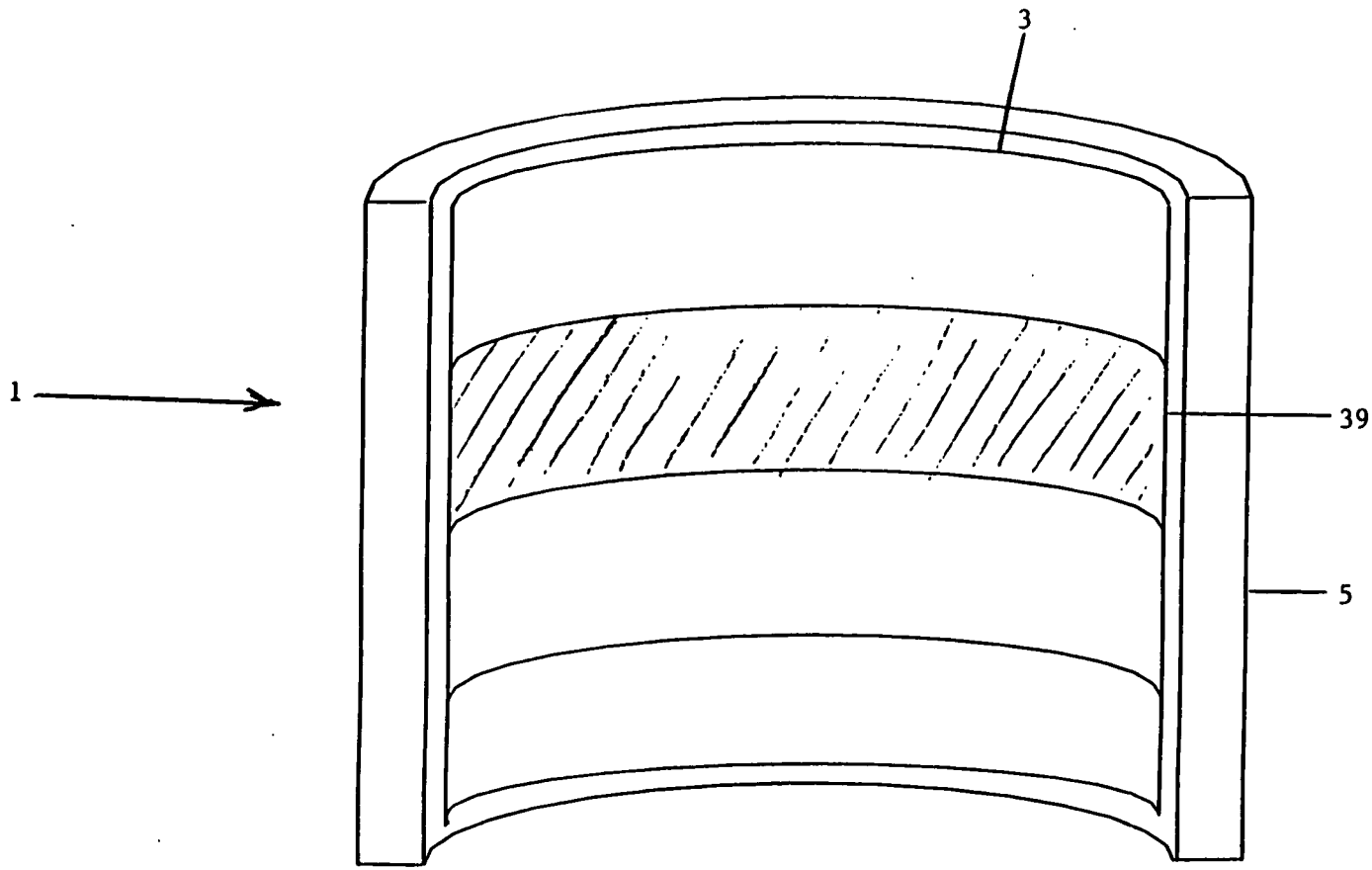
Remote Controlled/Self Contained Flexible/Cylindrically Shaped Multiple Unit Cell for Bone Regrowth and Other Applications Having Elongated Type Active Region

FIG. 17



Remote Controlled/Self Contained Flexible/Cylindrically Shaped Multiple Unit Cell for Bone Regrowth and Other Applications Having Radial/Helical Type Active Region

FIG. 18



Remote Controlled/Self Contained Flexible/Cylindrically Shaped Multiple Unit Cell for Bone Regrowth and Other Applications Having Any Type Activated Region Having Multiple Field/Current-Voltage Control Sensors

FIG. 19